

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Peterson et al.

Serial No.: CPA of 08/986,186

Group Art Unit: 1636

Filed: December 5, 1997

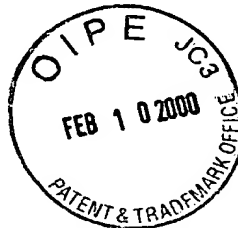
Examiner: J. Brusca

For: METHODS FOR GENERATING AND SCREENING NOVEL METABOLIC PATHWAYS
Atty Docket No.: 8757-009-999

#19
Plunkett
2/21/00

PETITION TO AMEND INVENTORSHIP FEE TRANSMITTAL SHEET

Assistant Commissioner for Patents
Washington, DC 20231



Sir:

The fee set forth in 37 C.F.R. § 1.17(i) for processing the attached Petition to Amend Inventorship pursuant to 37 C.F.R. § 1.48(c) is estimated to be \$130.00. Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is attached for accounting purposes.

Respectfully submitted,

Date: February 10, 2000

Laura A. Coruzzi By: J. Coruzzi 40,258
Laura A. Coruzzi 30,742
(Reg. No.)

02/15/2000 VVAN11 00000007 161150 08986186
01 FC:122 130.00 CH

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 10036-2711
(212) 790-9090

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Peterson et al.

Application No.: CPA of 08/986,186

Art Unit: 1636

Filed: December 5, 1997

Examiner: J. Brusca

For: Methods For Generating And
Screening Novel Metabolic Pathways

Atty Docket No.: 8757-009-999

#19
PLUNKETT
2/21/00

STATEMENT BY KATIE A. THOMPSON
PURSUANT TO 37 C.F.R. § 1.48(c)(1)

Assistant Commissioner for Patents
Washington, DC 20231



Sir:

This Statement is being filed in support of the Petition To Amendment
Inventorship Pursuant To 37 C.F.R. § 1.48(c) ("Petition") to add Katie A. Thompson, as a
co-inventor.

The above-captioned application is a divisional of the application no.
08/738,944 (now U.S. Patent No. 5,783,431) which is a continuation-in-part application of
application no. 08/639,255 (U.S. Patent No. 5,824,485). I am a named co-inventor of U.S.
Patent No. 5,824,485 (application no. 08/639,255) to which the above-captioned
application claims priority.

The amendment of inventorship in the above-captioned application is
necessitated by an amendment of the claims which added claims to subject matter disclosed
but previously unclaimed in the above-captioned application. I am a co-inventor of the
currently claimed subject matter in the above-captioned application. The error in
inventorship of the above-captioned application occurred without any deceptive intention on
my part.

A Declaration and Power of Attorney executed by me and my co-inventors
Todd C. Peterson, Lyndon M. Foster and Paul Brian is submitted herewith to properly
include me as an inventor in the above-captioned application.

Correction of Inventorship in the above-captioned application is respectfully
requested.

2 FEB 00
Date


Katie A. Thompson

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Peterson et al.

Serial No.: CPA of 08/986,186

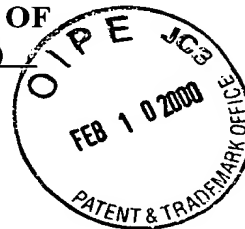
Group Art Unit: 1636

Filed: December 5, 1997

Examiner: J. Brusca

For: METHODS FOR GENERATING AND SCREENING NOVEL METABOLIC PATHWAYS
Atty Docket No.: 8757-009-999

**CONSENT BY ASSIGNEE TO CORRECTION OF
INVENTORSHIP UNDER 37 C.F.R. § 1.48(c)**



Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

TerraGen Discovery Inc., having an office for transaction of business at 9880 Campus Point Dr., San Diego, California 92121, as assignee of the entire right, title and interest in to and under the invention and U.S. patent application Serial No. 08/986,186, filed December 5, 1997, entitled "METHODS FOR GENERATING AND SCREENING NOVEL METABOLIC PATHWAYS", hereby consents to amendment of Application Serial No. 08/986,186 to name the following actual inventors: Todd C. Peterson, Lyndon M. Foster, Paul Brian, and Katie A. Thompson.

The present application is a Divisional of parent application 08/783,944. An Assignment of the parent application to ChromaXome Corporation executed by Todd C. Peterson, Lyndon M. Foster, and Paul Brian has been recorded on February 12, 1997 in the United States Patent and Trademark Office on Reel 8363 at Frame 0764. Application no. 08/783,944 is a Continuation-In-Part of application no. 08/639,255. Assignment of this application to ChromaXome Corporation executed by Katie A. Thompson, Lyndon M. Foster, and Todd C. Peterson has been recorded on June 4, 1996 in the United States Patent

and Trademark Office on Reel 8108 at Frame 0778. Paul Brian and Nicole M. Nasby were later added as inventors and also assigned their right, title, and interest to ChromaXome Corporation. ChromaXome Corporation has assigned the aforementioned applications (08/783,944, 08/783,944, and 08/986,186) to TerraGen Discovery Inc. of 9880 Campus Point Dr., San Diego, California 92121. An executed Assignment of the rights in the application from ChromaXome Corporation to TerraGen Discovery Inc. has been submitted for recordation on August 30, 1999.

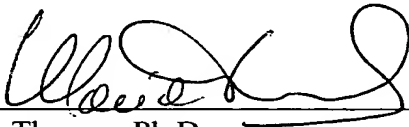
The undersigned has reviewed all the documents in the chain of title of the patent application identified above and hereby certifies that, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

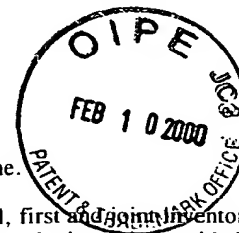
I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TERRAGEN DISCOVERY INC.

Dated: Feb. 2, 2000



Mario Thomas, Ph.D.
President and Chief Executive Officer

SUPPLEMENTAL DECLARATION
AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS FOR GENERATING AND SCREENING NOVEL METABOLIC PATHWAYS

and for which a patent application:

- ☐ is attached hereto and includes amendment(s) filed on _____ (if applicable)
- ☒ was filed in the United States on December 5, 1997 as Application Serial No. 08/986,186 (for declaration not accompanying application) with amendment(s) filed on October 15, 1998, March 10, 1999, and June 2, 1999 (if applicable)
- ☐ was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

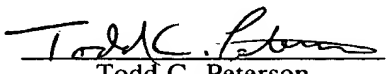
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/639,255	April 24, 1996	X		
08/738,944	October 24, 1996	X		

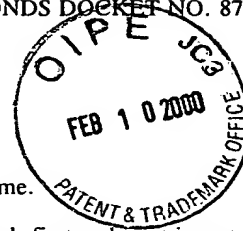
POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaanni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711						DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803	
201	FULL NAME OF INVENTOR	LAST NAME Peterson	FIRST NAME Todd	MIDDLE NAME C.			
	RESIDENCE & CITIZENSHIP	CITY Coronado	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.			
	POST OFFICE ADDRESS	STREET 32 Catspaw Cape	CITY Coronado	STATE OR COUNTRY California	ZIP CODE 92118		
202	FULL NAME OF INVENTOR	LAST NAME Foster	FIRST NAME Lyndon	MIDDLE NAME M.			
	RESIDENCE & CITIZENSHIP	CITY Carlsbad	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.			
	POST OFFICE ADDRESS	STREET 968 Beach Crest Court	CITY Carlsbad	STATE OR COUNTRY California	ZIP CODE 92009		
203	FULL NAME OF INVENTOR	LAST NAME Brian	FIRST NAME Paul	MIDDLE NAME			
	RESIDENCE & CITIZENSHIP	CITY Vancouver	STATE OR FOREIGN COUNTRY Canada	COUNTRY OF CITIZENSHIP United Kingdom			
	POST OFFICE ADDRESS	STREET 697 Moberly Road	CITY Vancouver	STATE OR COUNTRY Canada	ZIP CODE V5Z 4A4		
204	FULL NAME OF INVENTOR	LAST NAME Thompson	FIRST NAME Katie	MIDDLE NAME A.			
	RESIDENCE & CITIZENSHIP	CITY Spencer	STATE OR FOREIGN COUNTRY Iowa	COUNTRY OF CITIZENSHIP U.S.A.			
	POST OFFICE ADDRESS	STREET 710 West 4 th Street	CITY Spencer	STATE OR COUNTRY Iowa	ZIP CODE 51301		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201  Todd C. Peterson	SIGNATURE OF INVENTOR 202 _____ Lyndon M. Foster	SIGNATURE OF INVENTOR 203 _____ Paul Brian
DATE 2/2/2000	DATE	DATE
SIGNATURE OF INVENTOR 204 _____ Katie A. Thompson		
DATE		

**SUPPLEMENTAL DECLARATION
AND POWER OF ATTORNEY**



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS FOR GENERATING AND SCREENING NOVEL METABOLIC PATHWAYS

and for which a patent application:

- ☐ is attached hereto and includes amendment(s) filed on _____ (if applicable)
- ☒ was filed in the United States on December 5, 1997 as Application Serial No. 08/986,186 (for declaration not accompanying application) with amendment(s) filed on October 15, 1998, March 10, 1999, and June 2, 1999 (if applicable)
- ☐ was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE


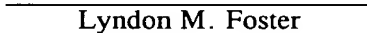
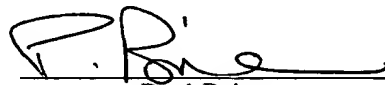
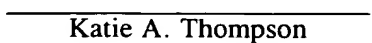
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/639,255	April 24, 1996	X		
08/738,944	October 24, 1996	X		

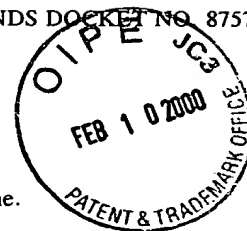
POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianne (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711						DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803	
201	FULL NAME OF INVENTOR	LAST NAME Peterson	FIRST NAME Todd	MIDDLE NAME C.			
	RESIDENCE & CITIZENSHIP	CITY Coronado	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.			
	POST OFFICE ADDRESS	STREET 32 Catspaw Cape	CITY Coronado	STATE OR COUNTRY California	ZIP CODE 92118		
202	FULL NAME OF INVENTOR	LAST NAME Foster	FIRST NAME Lyndon	MIDDLE NAME M.			
	RESIDENCE & CITIZENSHIP	CITY Carlsbad	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.			
	POST OFFICE ADDRESS	STREET 968 Beach Crest Court	CITY Carlsbad	STATE OR COUNTRY California	ZIP CODE 92009		
203	FULL NAME OF INVENTOR	LAST NAME Brian	FIRST NAME Paul	MIDDLE NAME			
	RESIDENCE & CITIZENSHIP	CITY Vancouver	STATE OR FOREIGN COUNTRY Canada	COUNTRY OF CITIZENSHIP United Kingdom			
	POST OFFICE ADDRESS	STREET 697 Moberly Road	CITY Vancouver	STATE OR COUNTRY Canada	ZIP CODE V5Z 4A4		
204	FULL NAME OF INVENTOR	LAST NAME Thompson	FIRST NAME Katie	MIDDLE NAME A.			
	RESIDENCE & CITIZENSHIP	CITY Spencer	STATE OR FOREIGN COUNTRY Iowa	COUNTRY OF CITIZENSHIP U.S.A.			
	POST OFFICE ADDRESS	STREET 710 West 4 th Street	CITY Spencer	STATE OR COUNTRY Iowa	ZIP CODE 51301		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201		SIGNATURE OF INVENTOR 202		SIGNATURE OF INVENTOR 203	
 Todd C. Peterson		 Lyndon M. Foster		 Paul Brian	
DATE		DATE		DATE	
				2/1/2000	
SIGNATURE OF INVENTOR 204					
 Katie A. Thompson					
DATE					

**SUPPLEMENTAL DECLARATION
AND POWER OF ATTORNEY**



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS FOR GENERATING AND SCREENING NOVEL METABOLIC PATHWAYS

and for which a patent application:

- ☐ is attached hereto and includes amendment(s) filed on _____ (if applicable)
- ☒ was filed in the United States on December 5, 1997 as Application Serial No. 08/986,186 (for declaration not accompanying application) with amendment(s) filed on October 15, 1998, March 10, 1999, and June 2, 1999 (if applicable)
- ☐ was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

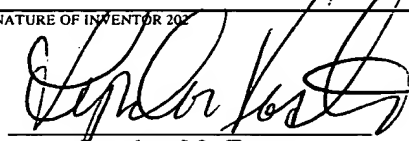
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

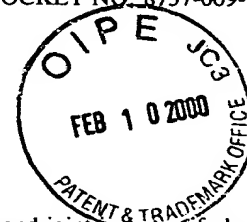
APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/639,255	April 24, 1996	X		
08/738,944	October 24, 1996	X		

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianne (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711						DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803	
201	FULL NAME OF INVENTOR	LAST NAME Peterson	FIRST NAME Todd	MIDDLE NAME C.			
	RESIDENCE & CITIZENSHIP	CITY Coronado	STATE OR FOREIGN COUNTRY California		COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 32 Catspaw Cape	CITY Coronado		STATE OR COUNTRY California	ZIP CODE 92118	
202	FULL NAME OF INVENTOR	LAST NAME Foster	FIRST NAME Lyndon	MIDDLE NAME M.			
	RESIDENCE & CITIZENSHIP	CITY Carlsbad	STATE OR FOREIGN COUNTRY California		COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 968 Beach Crest Court	CITY Carlsbad		STATE OR COUNTRY California	ZIP CODE 92009	
203	FULL NAME OF INVENTOR	LAST NAME Brian	FIRST NAME Paul	MIDDLE NAME			
	RESIDENCE & CITIZENSHIP	CITY Vancouver	STATE OR FOREIGN COUNTRY Canada		COUNTRY OF CITIZENSHIP United Kingdom		
	POST OFFICE ADDRESS	STREET 697 Moberly Road	CITY Vancouver		STATE OR COUNTRY Canada	ZIP CODE V5Z 4A4	
204	FULL NAME OF INVENTOR	LAST NAME Thompson	FIRST NAME Katie	MIDDLE NAME A.			
	RESIDENCE & CITIZENSHIP	CITY Spencer	STATE OR FOREIGN COUNTRY Iowa		COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 710 West 4th Street	CITY Spencer		STATE OR COUNTRY Iowa	ZIP CODE 51301	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 _____ Todd C. Peterson		SIGNATURE OF INVENTOR 202  Lyndon M. Foster		SIGNATURE OF INVENTOR 203 _____ Paul Brian	
DATE 		DATE 2/4/2000		DATE 	
SIGNATURE OF INVENTOR 204 _____ Katie A. Thompson					
DATE 					

SUPPLEMENTAL DECLARATION
AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS FOR GENERATING AND SCREENING NOVEL METABOLIC PATHWAYS

and for which a patent application:

- ☐ is attached hereto and includes amendment(s) filed on _____ (if applicable)
- ☒ was filed in the United States on December 5, 1997 as Application Serial No. 08/986,186 (for declaration not accompanying application) with amendment(s) filed on October 15, 1998, March 10, 1999, and June 2, 1999 (if applicable)
- ☐ was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

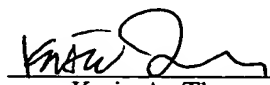
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/639,255	April 24, 1996	X		
08/738,944	October 24, 1996	X		

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaanni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), James G. Markey (Reg. No. 31636), and Charles F. Hoyng (Reg. No. 35548), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711				DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803	
201	FULL NAME OF INVENTOR	LAST NAME Peterson	FIRST NAME Todd	MIDDLE NAME C.	
	RESIDENCE & CITIZENSHIP	CITY Coronado	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 32 Catspaw Cape	CITY Coronado	STATE OR COUNTRY California	ZIP CODE 92118
202	FULL NAME OF INVENTOR	LAST NAME Foster	FIRST NAME Lyndon	MIDDLE NAME M.	
	RESIDENCE & CITIZENSHIP	CITY Carlsbad	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 968 Beach Crest Court	CITY Carlsbad	STATE OR COUNTRY California	ZIP CODE 92009
203	FULL NAME OF INVENTOR	LAST NAME Brian	FIRST NAME Paul	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Vancouver	STATE OR FOREIGN COUNTRY Canada	COUNTRY OF CITIZENSHIP United Kingdom	
	POST OFFICE ADDRESS	STREET 697 Moberly Road	CITY Vancouver	STATE OR COUNTRY Canada	ZIP CODE V5Z 4A4
204	FULL NAME OF INVENTOR	LAST NAME Thompson	FIRST NAME Katie	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY Spencer	STATE OR FOREIGN COUNTRY Iowa	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 710 West 4th Street	CITY Spencer	STATE OR COUNTRY Iowa	ZIP CODE 51301

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 _____ Todd C. Peterson	SIGNATURE OF INVENTOR 202 _____ Lyndon M. Foster	SIGNATURE OF INVENTOR 203 _____ Paul Brian
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204  Katie A. Thompson		
DATE		
FEB 4, 2000		



#21
Express Mail No.: EM 061 023 597 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Peterson et al.

Plunkett
3/3/00

Application No.: CPA of 08/986,186

Art Unit: 1636

Filed: December 5, 1997

Examiner: J. Brusca

For: Methods For Generating And
Screening Novel Metabolic Pathways

Atty Docket No.: 8757-009-999

**PETITION TO AMEND INVENTORSHIP
PURSUANT TO 37 C.F.R. §1.48(c)**

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Applicants petition to amend inventorship pursuant to 37 C.F.R. §1.48(c) by adding Katie A. Thompson as a co-inventor of the above-identified application.

Applicants submit that this amendment of inventorship is necessitated by amendment of the pending claims in the above-identified application. In accordance with 37 C.F.R. §1.48(c), we are filing concurrently herein:

- (1) Statement By Katie A. Thompson Pursuant To 37 C.F.R. §1.48(c)(1);
- (2) Declaration and Power of Attorney (in four original counterparts) executed by the actual inventors, Todd C. Peterson, Lyndon M. Foster, Paul Brian, and Katie A. Thompson, as required under 37 C.F.R. §1.63 and 37 C.F.R. §1.48(c)(2);
- (3) Fee Transmittal Sheet containing authorization to charge the appropriate fee to the deposit account of Attorneys for Applicants, as required under 37 C.F.R. § 1.48(c)(3); and

(4) Written Consent of Terragen Discovery, Inc. as assignee of the application, as required under 37 C.F.R. § 1.48(c)(4).

Applicants respectfully request that the application be amended to reflect the correction in Inventorship.

Respectfully submitted,

Date: February 10, 2000

By: Laura A. Coruzzi ^{40,258}
Laura A. Coruzzi (Reg. No. 30,742)
T. Christopher Tsang (Reg. No. 40,258)

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, New York 10036-2711
(212) 790-9090

Enclosures